

WHAT IS CLAIMED IS:

1. A shaving cartridge comprising:
a housing having a front edge and a rear edge;
one or more shaving blades between the front edge and the rear edge; and
a connecting member pivotally connected to the cartridge housing, the connecting member having a load-bearing surface arranged and configured to contact the housing only when the housing is pivoted beyond a limit angle that is greater than the normal pivot angle.
2. The shaving cartridge of claim 1, wherein the connecting member includes a pair of arms, each arm having an associated terminal portion constructed to be received by a recess in the housing.
3. The shaving cartridge of claim 2, wherein the normal pivot angle is defined by opposed stop surfaces defined by the terminal portions and a surface of the housing.
4. The shaving cartridge of claim 2, wherein each terminal portion extends from an end of the corresponding arm, the end forming the load-bearing surface.
5. The shaving cartridge of claim 2, wherein the connecting member includes a body, each arm extending from the body at opposite sides of the body.
6. The shaving cartridge of claim 5, wherein the connecting member includes an opening extending through the body and positioned between the arms, the opening configured to receive an handle interconnect assembly for connecting the cartridge and a handle.
7. The shaving cartridge of claim 1, wherein the normal pivot angle is between about 35 and 45 degrees.

8. The shaving cartridge of claim 1, wherein the normal pivot angle is about 41 degrees.

9. The shaving cartridge of claim 1, wherein the limit angle is greater than about 41 degrees.

10. The shaving cartridge of claim 1, wherein the limit angle is between about 41.5 and 45 degrees.

11. The shaving cartridge of claim 1, wherein the load-bearing surface is U-shaped.

12. The shaving cartridge of claim 1 further comprising a trimming assembly connected to the housing.

13. The shaving cartridge of claim 12, wherein the trimming assembly includes a trimming blade.

14. A shaving cartridge comprising:
a blade unit comprising,
 a cartridge housing;
 one or more blades positioned on the cartridge housing defining a first cutting region; and
 a trimming blade connected to the housing and defining a second cutting region spaced from the first cutting region; and
a connecting member pivotally connected to the cartridge housing, the cartridge housing and connecting member defining opposing stop surfaces for limiting rotation of the blade unit relative to the connecting assembly during a trimming operation using the trimming blade.

15. The shaving cartridge of claim 14, wherein the connecting member includes a pair of arms, each arm having an associated terminal portion constructed to be received by a recess in the housing.

16. The shaving cartridge of claim 15, wherein a normal pivot angle is defined by the opposed stop surfaces defined by the terminal portions and a surface of the housing.

17. The shaving cartridge of claim 16, wherein each terminal portion extends from an end of the corresponding arm, the end forming a load-bearing surface, the load-bearing surface arranged and configured to contact the housing only when the housing is pivoted beyond a limit angle that is greater than the normal pivot angle.

18. The shaving cartridge of claim 17, wherein the normal pivot angle is between about 35 and 45 degrees.

19. The shaving cartridge of claim 17, wherein the normal pivot angle is about 41 degrees.

20. The shaving cartridge of claim 17, wherein the limit angle is greater than about 41 degrees.

21. The shaving cartridge of claim 17, wherein the limit angle is between about 41.5 and 45 degrees.

22. The shaving cartridge of claim 15, wherein the connecting member includes a body, each arm extending from the body at opposite sides of the body.

23. The shaving cartridge of claim 22, wherein the connecting member includes an opening extending through the body and positioned between the arms, the opening configured to receive a handle interconnect assembly for connecting the

cartridge and a handle.

24. A shaving razor comprising:

a handle; and

a shaving cartridge including a connecting member for connecting the cartridge to the handle, the shaving cartridge comprising

a housing having a front edge and a rear edge;

one or more shaving blades between the front edge and the rear edge; and

the connecting member pivotally connected to the cartridge housing, the connecting member having a load-bearing surface arranged and configured to contact the housing only when the housing is pivoted beyond a limit angle that is greater than the normal pivot angle.

25. The shaving razor of claim 24, wherein the shaving cartridge is permanently connected to the handle.

26. The shaving razor of claim 24, wherein the shaving cartridge is releasably connected to the handle.